

(IX-6706)

Late Complications of Radiation Therapy,  
by N. V. Shimakovskaya, 3 pp.

RUSSIAN, per, Medit Radiolog, No 1, 1961,  
pp 16-17.

JPRS 10884

175,806

Sci  
Dec 61

Radiation Lesions of Bones Following Treatment  
of Malignant ~~NE~~ Neoplasms of the Female Genital  
Tract, by K. V. Shimanovskaya, 9 pp.

RUSSIAN, per, Voprosy Onkol, Vol VI, No 10,  
1960, pp 39-46.

PP

Sci  
JUn 6i

158, 387

Polarographic Studies of Some Oxazoles, by  
V. D. Bezuglyy, N. P. Shimanskaya, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 10,  
1961, pp 3160-3166.

CB

Sci  
Sep 62

21,746

Radium-Mesothorium-Beryllium Source of Neutrons,  
by M. A. Bak, N. S. Shimanskaya, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 12, 1960,  
pp 42-45.

ISA

Sci

169,889

Sep 61

Plastic Scintillators with Admixtures of  
1, 3, 4-Oxadiazol Aryl derivatives, by N. P.  
Shimanskaya, A. P. Kilimov, A. P. Grekov,  
3 pp.

RUSSIAN, per, Optika i Spektro, Vol VII, No 3,  
1959, pp 366-370.

OSA

Sci

Apr 61

149,476

Kinetics of the Vapor Phase Oxidation of  $\text{NH}_3$   
Furfural Over a Contact Catalyst, by  
B. A. Slavinskaya, M. V. Shinnikova, et al.,  
6 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 2,  
1961, pp 252-257.

CB

Sci  
Jun 62

200,103

Polarographic Investigations of Oxadiazole Derivatives,  
by N.P. Shimanskaya and V.D. Bezuglyi, 6 pp.

RUSSIAN, per, MZhur Obshch Khim,  
Vol XXXIII, No 6, 1963, pp 1726-1731.

CB

Sci

May 64

2  
159,387

Shimanskaya, N.S.

DETERMINATION DES ISOTOPES RADIOACTIFS À  
L'AIDE DU CALORIMÈTRE STATIQUE DOUBLE  
(Opređenje Períodov Poluraspada Radioaktivnykh  
Izotopov s Pomoshch'yu Dvojnogo Staticheskogo  
Kalorimetra) (Determination of Half-life of Radio-  
active Isotopes with Binary Statistical Calorimeters).  
10p. (foreign text included) 8refs. CNRS-VII 59.  
Order from OIS, ETC or CNRS \$1.10 TT-62-28770

Trans. in French of \*Pribory i Tekhnika Eksperi-  
menta (USSR) 1958, no. 2, p. 95-97.

DISCRIPTORS: \*Radioactive isotopes, \*Half life,  
Determination, \*Calorimeters, Experimental data.

(Nuclear Physics--Radioactivity, TT, v. 11, no. 9)

TT-62-28770

- I. Shimanskaya, N.S.
- II. CNRS-VII 59
- III. Centre National de la Recher-  
che Scientifique, Paris

Office of Technical Services  
European Translations Centre



Determination of the Correction for Thermal Inertia  
of the Calorimeter During Calorimetric Measurements  
of Radioactive Preparations, by N. S. Shimenskaya,  
6 pp.

RUSSIAN, per, Trudy Radioyvi Institut Ak Nauk SSSR,  
Vol IX, 1959, pp 126-130. 9217215

AEC-UCRL-Tr-1004(L)

Sci - Nucl Sci  
Jan 64

248,793

Determination of the L/K Ratios for Dy<sup>159</sup> and Er<sup>165</sup>  
and Evaluation of the Dy<sup>159</sup>-Tb<sup>159</sup> and Er<sup>165</sup>-Ho<sup>165</sup>  
Transition Energies, by O. I. Grigor'ev, B. S.  
Kuznetsov, N. S. Shimanokaya, I. A. Yutlandov,  
10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,  
No 7, 1958, pp 850-860.

Columbia Tech

Sci - Phys

Oct 59

99,345

Calorimetric Measurements on Preparations of Naturally  
Radioactive Families of Elements, by G. V. Gorshkov,  
N. S. Shimanskaya, 8 pp.

RUSSIAN, per, Atom Ener, No 5, May 1956, pp 86-93.

Consultants Bureau

Sci - Physics

48,575

A Calorimetric Determination of the Mean Energy of the  $\beta$ -Spectra of  $P^{32}$ ,  $S^{37}$ ,  $Cu^{64}$ ,  $W^{185}$  and  $Au^{198}$ , by N. S. Shimanakaya, 4 pp.

RUSSIAN, no par, Zhur Eksper i Teoret Fiz, Vol XXXI, No 3, 1956, pp 393-396.

Amer Inst of Physics  
Soviet Physics-JETP  
Vol IV, No 3.

Sci - Physics  
May 57

47, 254

Determination of the Half-Life Periods of Radio-  
active Isotopes With the Help of a Double Static  
Calorimeter, by N. S. Shimanskaya, 3 pp.

RUSSEL/N, per, Pribery i Tekh Eksper, No 2,  
1958, pp 95, 96.

Instru Soc of Amer

Sci

Apr 60

113, 514

Determination of the Branching Ratio in the Disintegration Scheme of  $Po^{210}$ , by N. S. Shimanskaya, 4 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz SSSR,  
Vol XXXI, Aug 1956, pp 174-187.

Amer Inst Physics  
Soviet Physics JETP  
Vol IV, No 2

Sci - Physics

46,056

Data on the Clinical Aspects and Laboratory  
Diagnosis of Typhus, by S. A. Shimanskaya,  
4 p.

RUSSIAN, per, Zhur Mikrobiol Epkidemiol i  
Immunobiolog, Vol XXX, No 2, 1959, pp 108-111.

PP

Sci  
Jan 60

105,947

Character of distribution of alkalis in the pegmatitic  
microclines of the Eastern Sayan Mountains.  
By A. A. Shimanski and Yu. M. Uchakin. pp. 5

RUSSIAN, per, Geokhim. No 9. 1962.

Geochim Soc

340, 490

Sci

Aug 63

Lower Cretaceous Continental Deposits of West  
Cis-Caucasus, by A. A. Shimanskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences  
Section, Vol CXLVII, No 3, Nov, Dec 1962,  
pp 679-682.

Amer Geol Inst

Sci  
Nov 64

268,418

Contents of rare alkalis in feldspars from pegmatites  
of the Sayan Mountains.

By Yu. M. Uchakin, A. A. Shimanskiy. pp. 10

RUSSIAN, per, Geokhin, No 8, 1962.

Geochem Soc

340,536

Sci

Aug 63

A 1024-Channel Time Analyzer, by L. A. Matalin,  
A. M. Shimanskiy, S. I. Chubarov, I. V. Shtranikh,  
7 pp.

RUSSIAN, per, Pribery i Tekh Eksper, No 3, 1960,  
pp 54-63.

Interntl Phys Index  
Electronics Express  
Vol III, No 1

Sci - Electron

128,818

Oct 60

Long Wavelength Edge of the Natural Absorption  
of Silver Bromide Crystals, by P. V.  
Meykiyar, R. S. Shimanskiy, 10 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinesator;  
rafi, Vol II, No 4, 1957, pp 253-259.

CIA/FDD XX-523  
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics  
Oct 58

IAC INTERNAL USE ONLY

74, 060

Thermal Formation of F-Centers in Silver Halide  
Crystals, by P. V. Meyklyar, R. S. Shimanskiy, 12pp.

RUSSIAN, per, Zhur Eksperi i Teoret Fiz, Vol XXVII,  
1954, pp 156-161.

CIA/X-1802

USSR  
Sci - Physics

26, 338

Review X6 of New Mississippian Belemnites  
Flower, Gordon, by V. N. Shimanskiy, 17 pp.

RUSSIAN, per, Paleontol Zhur, No 2, 1960,  
pp 158-162.

Dept of Interior  
QB3 E57 No 42

Sci - Geophys

168,397

Sep 61

(DC-6614)

Method of Artificially Infecting Ixodes Ticks  
With Toxoplasma, by S. F. Shizanskiy,  
N. F. Gemaleya, 5 pp.

RUSSIAN, per, Laborstomoye Delo, Vol VII,  
No 6, 1961, pp 49-50.

JPRS 1309~~8~~

Sci - Med  
Apr 62

190, 616

Structural Mechanics of Submarines, by Prof<sup>Yu.</sup> A. Shimensky. **UNCLASSIFIED**

*Dimantscheskiy Reshet Sudovoykh Konstruktov*  
RUSSIAN, Government Publication Shipbuilding Literature, 1948, pp 1-230.

Navy Tr 940/BoShips 535

Scientific - Engineering    Feb 54 CTS/DEX

935-6



(NY-5231)

Synphase Waves in a Diaphragmed Rectangular  
Waveguide, by E. S. Kovalenko, V. I. Shimanskiy.  
7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Radiotekh,  
Vol III, No 2, 1960.

JPRS 7379

Sci  
Jul 61

159,368

(SF-1878)

Paleontological Section of the Moscow Society of  
Naturalists in 1960, by V. N. Shimanskiy, 3 pp.

RUSSIAN, per, Paleontologicheskiy Zhur, No 2, 1961,  
pp 140-141.

JPRS 10416

Sci - Geophys

172, 017

Oct 61

Structural Mechanics of Submarines. Part I.  
Practical Methods and Examples of Calculations for the  
Hull Strength of Submarines. Chapter I. Rules and  
Standards for the Calculation of the Hull Strength of  
Submarines. Chapter 2. The Calculations of the  
Strength of the Shell, by Yu. A. Shimansky.

RUSSIAN, Academy of Sciences, USSR, SudPromGiz,  
Leningrad, 1948.

\*Navy/DTMB Tr T-305-1

Sci - M Engr

25 Sep 62

79  
Structural Mechanics of Submarines Part II  
Derivation of Formulas for Calculation,  
by Yu. A. Shimanskiy, 80 pp.  
RUSSIAN, <sup>for Sub</sup> ~~from~~ ~~Giz.~~ 1948.  
Dept of Navy Tr 4594/DIAG Tr 305-2

Sci-Engr  
May 66

*Yu. A. Shimanskiy*

299,650

Fruiting of the Siberian Stone Pine in East  
Siberia, by A. P. Shimanovskii,  
RUSSIAN, per, Trudy Instituta less i Drevesnyy  
Sibirskoe Otdelens Akademiya Nauk SSSR, Vol  
LXII, 1968, pp 1-204.  
CPSTI TT 65-59123

31

*A. P. Shimanovskii*

SCI-AGRI  
DEC 68

315,513

Patho-physiological Study of Diffuse Endocrine System. III. Diffuse Endocrine Structure of Kidney, by T. Shimao, 6 pp.

JAPANESE, no per, Nihon Eiyoigaku Kaishi, Vol XXXVIII, No 1-6, 1949, pp 120-121.

NIE Tr No 12-25

Sci - Medicine  
Feb 1957 CBS/dex

43,599

SLA 57-1031  
101



124  
Process for Preventing Radioactive Contam-  
ination of Clothing Materials, by  
K. Shimazaki and H. Nagai,  
JAPANESE, Patent No 1963-19646.  
NLL 3544 1965 T 86 J

K. Shimazaki

Sci-Tech, Etc engr  
Mar 67

320,271

Process For Preventing Radio-active Contamination  
of Clothing Materials, by K. Shimezaki, H.

Nagai.

JAPANESE, per, Japanese Patent Office, Patent  
Report, Application Number 1964-19646.

HRC/Ref: C-5292

K. SHIMAZAKI

Sci -  
Aug 67

335,842

AEC-tr-4482(p.508-19) Uncl.

SCINTILLATION SPECTROMETERS WITH TWO AND  
THREE CRYSTALS. S. Shimazu, N. Neyanagi,  
H. Kanai, and K. Hosoi.

C-23 P NSA

*Second Japan Conference on  
Radiation Physics Feb 1958*

(FDD 26415)

Infrared Gas Analyzer, by T. Mishima, T. Shimazu,  
K. Mori, 18 pp.

JAPANESE, Scientific Research Institute Reports,  
Vol XXVII, Tokyo, 1951, pp 423-430.

AEC 2447  
CIA//FDD/U-8102

33,350

FE - Japan  
Sci - Physics, optics

Atomic Energy Makes Progress, by Yusuf

1954  
Atomic Energy, etc.

Dept of Interior  
209(900) quantity no. 74

Atomic Energy, Nuc Sci  
etc.

246, 280

Hydraulic Formation Fracturing in the ~~Kas~~  
Turkmen Oil Fields, by E. F. Shimchishin,

RUSSIAN, per, Neft Khoz, Vol XXXVII, No 6,  
1959, pp 65-67.

ATS 2315-RJ

ATS-204201

Sci - Engr

Sep 60

124,902

Industrial Training in Drilling Wells, by E. F.  
Shimchiskin.

RUSSIAN, no per, Neft Khoz, Vol XXXIV, No 9, 1956,  
pp 68-70.

Tech and Comm

\$20.00

Sci - Engineering  
Feb 1957 CRS/dex

43,939

Immunologic Studies on Inoculable Rat Sarcoma  
On Passive Immunity (2) Experiments With Parabioses,  
by K. Shime, 8 pp.

Full translation.

GERMAN, per, Acta Dermatologica, Vol XXIX, No 1-2, 1937,  
pp 47-49.

CIA/FDD/X-861

Scientific - Medicine

Jun 53 OIS

2781

Metal Working, Collection of Articles, by I. L.  
Shibolevich, 52 pp.

RUSSIAN, bk, Metallovedeniye, Sbornik Statey,  
1957, pp 70. 9660426

ATTC MCL-566/III

Sci - Min/Mat  
Apr 61

IC-40429-M

147,780

The Possibilities of Using Neutron-Induced Active Sodium for Locating Oil-Containing and Water-Containing Layers and for Determining Water-Oil Contacts in Drive-Pipe Well Conditions, by N. K. Kukhareenko, V. P. Odinokov, Y. S. Shimelevich, 17 pp.

35,343

Full translation.

RUSSIAN, bk, Conference of the Academy of Sciences of the USSR on the Peaceful Uses of Atomic Energy, 1-5 Jul 1955, Session of the Division of Technical Science, p 284

GPO

~~Consultants Bureau, 255 West 44th New York 14, N.Y.~~

*Geophysics*  
Sci - Nuclear Physics \*87 rpts for \$350.00

(SF-1431)

A Miniature Sealed Neutron Tube, by B. G.  
Yerosolimskiy, L. H. Bondarenko, L. P. Voytsik,  
Yu. S. Shimelevich, L. I. Yudin, 6 pp.

RUSSIAN, bk, Yadernaya Geofizika, 1959,  
pp 351-355.

JPRS 4382

Sci - Nuc Phys  
Mar 61

142,018

(SP-1914)

Concerning the Efficacy of Bilateral Ligation of the  
Internal Mammary Artery in Chronic Coronary  
Insufficiency, by L. B. Shineliovich, 5 pp.

RUSSIAN, par, Terapev Arkhiv, Vol LXXIII, No 5, 1961,  
pp 7-11.

JPRS 4942

Sci - Med

169,033

Sep 61

Le Teviron (Fibre de PVC), by J. Shimena. 25 pp.

JAPANESE to FRENCH, Notice Technique. 9093933

CEA X-408  
Reverse Translation

Sci  
Oct 62

76  
Studies of the Electrolytic Preparations  
of Sugars. Part VIII. Method of Electro-  
lysis and the Potential of Diaphragm, by  
J. Mizuguchi, M. Y. Shimizu.  
JAPANESE, per. Yakugaku Zasshi, Vol 71,  
1951, pp 1284-1287.  
NTC 69-10838-07A

*m. y. Shimizu*

Sci-Chem  
May 69

382,500

11  
Inventory of the Department of the Police  
by Frank ...  
... ..  
SPAS 2700

100-10000  
200  
Nov 64

200,000

Properties of Aqueous Aluminate Solutions, by J.  
Shimizu,  
JAPANESE, Proc. Kyoto Institute Science, Vol. LIV, No. 11,  
1966, pp 1779-1782.  
ACC 94793

*J. Shimizu et al.*

Sept 66

309,073

Shimizu, K., Toryu, T., and Sakamoto, H.  
APPLICATION OF PERSISTENT INTERNAL POLARIZATION TO RADIOGRAPHY, I. [1963] 8p.  
Order from ATS \$12.75    ATS-69Q67]

Trans. of Denshi Shashin (Japan) 1962, v. 4, no. 1,  
p. 13-17.

DESCRIPTORS: \*Radiography, \*Polarization.

(Physics--Molecular, TT, v. 10, no. 5)

63-17128

I. Shimizu, K.  
II. Toryu, T.  
III. Sakamoto, H.  
IV. ATS-69Q67]  
V. Associated Technical  
Services, Inc.,  
East Orange, N. J.

A242854

Office of Technical Services

Some Applications of the Variational Method for  
the Neutron Thermalization Problems, by A.  
Shimizu, 21 pp.

JAPANESE, per, J Atomic Energy Soc Japan,  
Vol I, 1959, pp 376-384.

AEC Tr-4191

Sci - Phys

24 Feb 61

141,048

40  
Separative Powers and Optimum Operating Pressures in  
Gaseous Diffusion Separating Apparatuses, by K. Higashi,  
C. Shimizu, et al, 15 pp.  
JAPANESE, per, Nippon Genshiryoku Gakkaishi, Vol IV,  
1962, pp 516-519.  
AEC-NP-Tr-1084

Sci-Phys  
Mar 64

252,982

Analysis of Chlorine, Carbon Monoxide and Carbon  
Dioxide. By Vapor Phase Chromatography, by  
Hiroshi Shimizu, Tomoo Kirahara, 9 pp.

JAPANESE, per, Nagoya Kogyo Gijutsu Shikensho  
Hokoku, Vol IX, 1960, pp 453-457.

AEC-tr-5912

Sci-Chem

345, 248

Sep 63

On Draft Force I. A Draft Force Measuring  
Machine and the General Nature of Low  
Draft Forces, by S. Ishikawa, J.  
Shimizu.

JAPANESE, per, Journal of the Society  
of Textile and Cellulose Industries,  
Vol XV, No 6, 1959, pp 461-465.

CSIRO 4627

Sci - Engr  
Jul 62

203,445

On Draft Force I. A Draft Force Measuring  
Machines and the General Nature of Low  
Draft Forces, by S. Ishikawa, J.  
Shimizu.

JAPANESE, per, Journal of the Society  
of Textile and Cellulose Industries,  
Vol XV, No 6, 1959, pp 461-465.

CSIRO 4627

Sci - Engr  
Jul 62

203,445

Intramolecular Potential of Pyrenidal  $K(CH_3)_3$   
Molecules, by Kazuhiro Shimizu, 7 pp.

JAPANESE, FOR, Nippon Kagaku Zasshi, Vol. LXXVII,  
No 7, 1956, pp 1103-1105.

SIA 60-14245

Sci  
Feb 62  
E Vol III, No 11

184,702

\* A Measurement of Neutron Slowing-Down Area  
in Light Water, by T. Naganuma, S. Ogura, M.  
Shimizu, H. Aisu, T. Kondo, 9 pp.

JAPANESE.

AEC Tr-4302

Sci - Phys  
Apr 61

149,067

79  
The Effect of Heating Rates on the Mechanical  
Properties of Cold-Rolled Steel Sheet,  
by M. Shimizu et al.  
JAPANESE, per, Tetsu to Hagane, Vol 50, No 12,  
1964, pp 2097-2099.  
\*BISI40000

M. Shimizu

Sci-MEM  
Jul 66

122  
Heat Transfer to Solid Particles in a Stirred Bed,  
by T. Shimizu.  
JAPANESE, per, Kagaku Kogaku, Vol 25, No 12, 1961,  
pp 885-890.  
\*AEC

*T. Shimizu*

Phys

*July 69*

Study of Color Flame Compositions of  
Fireworks: Theoretical Development of  
the Line Reversal Method for Temperature  
Measurement of Flames - Temperature  
Measurement of Flame by Means of Line  
Reversal, by Takeo Shimizu, 45 pp.  
JAPANESE, per, Journal of the Industrial  
Explosives Society of Japan, Vol XIX,  
No 5, 1958.

Dept of Navy Tr 4880/ONI Tr 2201

1291  
Takeo Shimizu

Sci - Prop & Paels  
Sept 66

305,662

(III-67-0...)

Antiradiation Activity of New Isothiuronium  
Derivatives, by V. S. Shashkov, V. M.  
Fedoseyev, 10 pp.

RUSSIAN, per, Med Radiol, No 7,  
1961, pp 25-29.

JPRS 11419

Sci  
Jan 62

179, 929

(NY-6709)

The Role of Hypothermia Caused by Certain Substances in the Mechanism of ~~MCX~~ Their Radio-protective Effects, by P. G. Zherobchenko, I. G. Krasnykh, V. S. Shashkov, 8 pp.

RUSSIAN, per, Medit Radiolog, No 4, 1961, pp 37-40.

JPRS 10927

Sci  
Dec 61

175, 419

Chemical Preparations for Prevention of  
infection injuries, by S. F. Barvonsko, and  
V. S. Shashkov, 26 pp.  
MOSCOW, ~~USSR~~, ~~1968~~, ~~1968~~, pp 11-19.  
JPRS 31349

61

V. S. Shashkov

Vol - 1/2  
Aug 65

226,611

The Effect of Pentamine on Absorption of Radioactive  
 $\text{Fe}^{2+}$  from the Muscular Depot of Rabbits, by V. S.  
Shashkov, 3 pp.

RUSSIAN, par, Farmakol i Toksikol, Vol XII, No 4, 1958,  
pp 59-63.

Consultants Bureau

Sci - Med  
Jun 59

88,952

Growth of Silicon Carbide Crystals From  
the Cassous Phase, by Yu. M. Shashkov, 70  
V. V. Rozhdestvenskaya.  
RUSSIAN, por. Trudy Inst Kristallografi,  
Ak Nauk SSSR, Vol IV, 1964, pp 117-121.  
\*FTD-MP-65-476

Sci - M/M  
Sept 65

78  
How Does Stress Corrosion Cracking Occur in  
Stainless Steel, by T. Shimise.  
JAPANESE, per, Kinzoku, Vol XXXIII, 1963,  
pp 57-60.  
AEC-tr-6751

*T. Shimise*

Sci-Materials  
May 67

326,783

56  
Polymerisation of Propenyl Chloride Isomers,  
by A. Shimizu, T. Ohtsu.  
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 67,  
No 6, 1964, pp 966-970.  
NRC-69-16371-07C

*A. Shimizu*

Sci-Chem  
Feb 70

402,906

A Study of Quenched-in Vacancies in a Dilute Al-Zn Alloy, by H. H. Shimizu, 78  
JAPANESE, per, Suiyokashi, Vol 15, 1960-65,  
pp 95-98,  
\*CFSTI TT 70-57158

Sci-Con  
June 70

H. H. Shimizu

The Effect of Heating Rates on the Mechanical <sup>71</sup>  
Properties of Cold-Rolled Steel Sheet, by H. ~~Shimizu~~  
Shimizu et al.  
JAPANESE, per, Tetsu to Hagane, Vol 50, No  
12, 1964, pp 2097-2099.  
NTSI 4986

*M. Shimizu*

Sci-Materials  
Sept 66

310,338

70  
The Effect of Heating Rates on Re-crystallization Behaviour of Cold Rolled Sheet Steel I - Study of heating rates on process-formability of cold-rolled sheet steels, by M. Shimizu, JAPANESE, per. Tetsu to Hagane, Vol 50, No 12, 1964, pp 2095-2097.  
BISI 4357

*M. Shimizu*

Sci/WHM  
Sep 65

289,326

Movements of Stigmal Valves in the Silkworm Larva,  
by S. Shimizu, M. Ono, 7 pp.

JAPANESE, per, Nihon Senshigaku Zasshi, Vol XIII,  
No 1, 1942, pp 1-3.

MR 2-21-61

Sci - Med  
Apr 61

145,975

Littoral Aggregation of the Squid Near the  
Oki Islands -- II, by N. Kuroki, and T. Shimizu. 2/8  
JAPANESE, cyt, 1959, Vol 5, pp 19-27.  
Dept of Interior  
Fish and Wildlife Service  
BCE, Bureau of Foreign Fisheries

*T Shimizu*

Sci-DM  
Oct 67

342,999

43  
An Internal Study of Recurrent Aphthae,  
Particularly Behcet's Syndrome, by T. Shimizu  
JAPANESE, per, Nippon Koshin Gakkaishi, Vol 13,  
1964, pp 270-282.

HEW NHH  
11-6-68

T. Shimizu

Sci-DM  
Feb 69

369,43

Studies on Colour Flame Composition of Fireworks:  
Part 3 - On Backgrounds of Colour Flame Spectra,  
by T. Shimizu.

JAPANESE, per, Journal of Industrial Explosives,  
Vol XX, No 1, 1959, pp 19-28.

FIL T 5129

Sci - Chem

Jun 63

234,316

Diffusion of Acid Dyes in a Polyamide  
Fiber, by Toru Shimizu, Uchiro Miyaoka,  
17 pp.

JAPANESE, per, Sen-i Gakkaishi, Vol XIII,  
No 8, 1957, pp 553-559.

SLA 60-18456

Sci  
Vol IV, No 11  
Jun 62

199,305

1

Effect of Cold Drawing on the Dyeing  
Properties, by Toru Shimizu, Ushiro  
Miyacka, 15 pp.

JAPANESE, par, Sen-i Gakkaishi, Vol XIV,  
No 8, 1958, pp 557-562.

SLA 60-18455

Sci  
Vol IV, No 11  
Jan 62

199,306

Investigation of the Blood of the  
Fundamental Investigations of the Blood Group  
of Albinos, by Anni Sasaki, N. Hatanaka,  
Soviet.

RESEARCH, Report of the Hawaii Regional Fisheries  
Research Laboratory, Vol VIII, 1958, pp  
100-101.

Dept of Int  
US Fish and Wildlife Serv  
Pacific Oceanic Fishery  
Investigations, Hawaii.

Sci - Biol  
May 59

87,698

Studies on the Electrolytic Stripping of Scale  
From Silicon Steel Sheet, by Fu, Gaimin et al.

JAPANESE, Ror, Repts. Inst. Sci. Research, Vol  
XXVII, No 6, 1958, pp 449-457.

ATS 11K25J  
JJ-1532

Sci  
May 59

87, 254

Study of the Dielectric Properties of Glazed  
Frost and Hoarfrost on Wires, by G. N. Shinko,  
16 pp (AF 1032877). R

RUSSIAN, no per, Elektrosvyaz', No 7, Jul 1956,  
pp 60-71.

ATIC F-78-9158/V

Sci - Electronics  
Nov 1958

76,536

(NY-3000)

Technical Progress at the Kiev Combine  
of Artificial Fibers, by I. G. Shinko,  
5 pp.

RUSSIAN, pp, Khimicheskiye Volokna, No 1,  
1962, pp 3-5.

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED

JPRS 13406

190,936

USSR  
Econ  
Apr 62

(NY-6100)

Development of River Transport in the  
USSR, by K. E. Shinko, 7 pp.

RUSSIAN, per: VE Byull. Tekh-Ekon  
Informatsii, No 2, 1961, pp 63-67.

CFR 11122

USSR  
Econ  
Dec 61

176,332

Comparative Study on the Fatty Acid Composition of  
Sheelfish, by Y. Shimma, H. Taguchi.  
JAPANESE, per, Bull. Japan. Soc. Sci. Fisheries.  
Vol 30, No 2, 1964, pp 153-160.  
(NRC/Ref: C-5254)

Y. Shimma

Sci -  
Aug 67

339,937

Comparative Study on the Fatty Acid Composition  
of Fish, by Y. Shimma, H Taguchi.  
JAPANESE, per, Bull. Japan. Soc. Scien.  
Fisheries, Vol. 30, No. 2, 1964, pp 179-188  
NRC/Ref C-5255

*Y. Shimma*

Sci -  
Aug 67

337-061

Electrochemical Studies on Corrosion of Condenser  
Tubes by Polluted Water, Pt 1; Potentiostatic  
Measurements of Polarization Curves of Copper  
Alloys in Slowly Moving Aqueous Solutions, by  
S. Shimodaira.

JAPANESE, per, Sumitomo Keikinzoku Giho, Vol 4,  
No 1, 1963, pp 31-47.

•AEC/CNSL-Tr-2249

*S. Shimodaira*

Sci/Chem  
Nov 69

396,021

Shimmura, Yoichi, Ito, Hisao, and Tsuchida, Ryutaro.  
THE ABSORPTION SPECTRUM OF HETERO-CONDENSED MOLYBDATES WITH TRI-OR QUADRIVALENT TRANSITION ELEMENTS AS CENTRAL IONS. [1962]

7p. 11 refs.

Order from SLA \$1.10

62-14439

Trans. of unidentified mono. (paper) read at the Annual Meeting of the Japanese Chemical Society (no. 6) Apr 53.

DESCRIPTORS: \*Molybdates, \*Absorption spectra, \*Ultraviolet spectroscopy, \*Transition elements, Valence, Density, Salts, Heterocyclic compounds, Visibility, Crystals, Colors, Complex ions, Condensation reactions.

The visible absorption spectrum of  $(\text{NH}_4)_3[\text{M}^{\text{III}}\text{O}_6\text{Mo}_6\text{O}_{18}\text{H}_6] \cdot 7\text{H}_2\text{O}$  ( $\text{M}^{\text{III}} = \text{Al, Cr, Fe, Co}$ ) does not differ greatly from that of the corresponding (Physics--Spectroscopy, TT, v. 9, no. 4) (over)

62-14439

I. Shimmura, Y.  
II. Ito, H.  
III. Tsuchida, R.

C227651

Office of Technical Services

Effect of Certain Operating Factors in the  
Basic Oxygen LD Process Upon the Metallic  
Yield, by Y. Shimoga.

JAPANESE, per, Tetsu to Hagane, Vol XLIX,  
No 3, 1963, pp 407, 408.

HB 5934

Sci-M/M

243,593

Nov 63

Effect of Hot Metal Percentage in Basic  
Oxygen LD Furnace Charge Upon Operating  
Results. Report II on 'Operation of a  
Basic Oxygen LD Furnace', by Y. Shimogo.  
JAPANESE, per, Tetsu to Hagane, Vol 49,  
No 10 1963, pp 1345-1345.  
ID 6166

57

y. Shimogo

From Japan  
Sci/Engl  
Jun 65

280,961

On the Control of the Steel Bath  
Temperatures in the Tobata (Japan)  
Basic LD Oxygen Furnaces, by  
Y. Shimogo, et al.  
JAPANESE, per, Tetsu to Hagane, Vol 48,  
No 4, 1962, pp 467-468.  
HB 5705

*Y. Shimogo*

FE-Japan  
Sci/1041  
Jun 65

280,579

NCH-202 571

Field 13J

Shimokawa, H.; Nishimoto, T.; Kimura, T.  
RATIONAL DESIGN OF TANKER CARGO OIL PIPING -  
RESISTANCE OF CARGO OIL PIPING SYSTEM, 1965,  
24p, 39refs. BSRA-2131.  
Order from BSRA: L5 as BSRA-2131

Trans. of Hitachi Zosen News (Japan) n24 p189ff  
1963.

I. British Ship Research  
Association, London,  
England

Extraction of Nonmetallic Inclusions from Rimmed-  
Steel Ignots, by Y. Shimokawa, et al,

JAPANESE, per, Tetsu To Hagane, Vol XLVI, No 3,  
1960, pp ~~153~~ 153-155.

HB 4936

Sci - Min/Met

13 Apr 61

145,069

Shimokawa, Y.

EXTRACTION OF NONMETALLIC INCLUSIONS  
FROM RIMMED-STEEL INGOTS. Nov/Dec 60, 1000  
words.

Order from HB \$2.90

HB-4936

Trans. of Tetsu to Hagane (Japan) 1960, v. 46, no. 3,  
p. 153-155.

(Metallurgy--Ferrous Metals, TT, v. 5, no. 5)

61-12327

- I. Steel castings--Processing
- I. Shimokawa, Y.
- II. HB-4936
- III. Brucher, Henry,  
Altadena, Calif.

Office of Technical Services

<p>Shimokura, Yoshiharu. METHOD FOR THE POLYMERIZATION OF UNSATURATED COMPOUNDS. July 68, Sp. Order from SA \$14.00    SA Code-P-194</p> <p>Trans. of published Japanese patent 14633/1962, cl. 25-8-012 (25-8-11) (25-8-121) (13-F-1) appl. no. 990/1960 filed 12 Jan 60, pub. 20 Sep 62.</p> <p>DESCRIPTOR: *Polyethylene plastic, *Styrene plastic, *Benzene, *Polymerization, *Chemistry, *Organic compounds</p> <p>(Abstracts--Plastics, TT, v. 10, no. 9)</p>	<p>68-22219</p> <p>I. Shimokura, Y. II. Patent (Japan) pub. 27-14 62 III. SA Code-P-194 IV. Substrate Acid (Japan)</p> <p>4249570</p> <p>Site of Patent Issue</p>
---	---

<p><b>Shimokawa, Yoshiharu.</b> <b>METHOD OF MANUFACTURING ETHYLENE AND ACETYLENE BY THE PYROLYSIS OF HYDROCARBONS.</b> July 63, 7p. (figs. omitted). Order from SA \$19.00      SA Code-P-125</p> <p>Trans. of published Japanese patent 14063/1962, cl. 16-B-12 (16-B-120.11) appl. no. 16809/1956 filed 19 July 56, pub. 15 Sep 62.</p> <p><b>DESCRIPTOR:</b> *Ethylene, *Acetylene, Manufactur- ing methods, Gases, Hydrocarbons, Pyrolysis, Com- bustion</p> <p>(Chemistry--Organic, TT, v. 10, no. 7)</p>	<p>63-17919</p> <p>I. Shimokawa, Y. II. Patent (Japan) pub. 37-14 063 III. SA Code-P-125 IV. Substances Acids (Organic)</p> <p>1247215</p> <p>Office of Technical Services</p>
---	--

Automation of a Dwight-Lloy & Type Setting Plant at  
Hirohara, by Y. Shimomura, M. Yamaguchi. 2  
JAPANESE, per, Tenri to Hime, Vol 48, No 4, 1962,  
pp 363-368.  
HG 6021

Shimomura

FE-Jap  
Sci/M&M  
Apr 65

277,112